



REPLY TO  
ATTENTION OF

**DEPARTMENT OF THE ARMY**

PHILADELPHIA DISTRICT CORPS OF ENGINEERS  
WANAMAKER BUILDING, 100 PENN SQUARE EAST  
PHILADELPHIA, PENNSYLVANIA 19107-3390

**UPC # 048030**

**OCT 28 2009**

Regulatory Branch  
Applications Section II

SUBJECT: CENAP-OP-R-2004-902-24  
NJDEP #: 0000-04-0017.1

Ms. Jo Ann Asadpour  
New Jersey Department of Transportation  
Division of Project Management  
1035 Parkway Avenue  
PO Box 600  
Trenton, New Jersey 08625-0600

Dear Ms. Asadpour:

Reference is made to the subject Department of the Army permit, which was issued August 17, 2005. The permit authorizes New Jersey Department of Transportation to reconstruct the Route 52 causeway from Somers Point in Atlantic County to Ocean City in Cape May County, New Jersey. The permit was modified on March 31, August 11, and October 13, 2006; on January 22, April 13, and August 6, 2007; and on March 5, 2009.

In accordance with your request dated August 19, 2009 (with follow-up submittals on October 22, 2009), Special Conditions 1 and 2 are modified as follows. This modification allows for a different pier configuration, additional scour countermeasures and riprap embankment stabilization as well as changes to the construction access plan.

1. All work performed in association with the above noted project shall be conducted in accordance with the attached plans labeled E-1 and E-2, and full-size sheets prepared by New Jersey Department of Transportation, under a cover sheet entitled "PLANS OF ROUTE 52 (1933) CAUSEWAY FROM US ROUTE 9 TO WEST AVENUE..PERMIT PLANS JULY 2, 2004 REV. JANUARY 21, 2005, MARCH 15, 2006, SEPTEMBER 29, 2006, DECEMBER 18, 2006, DECEMBER 12, 2008, AUGUST 7, 2009, and OCTOBER 9, 2009?" The following specific plans under that cover sheet are approved by this authorization. They include the revision dates of January 21, 2005, March 15, 2006, September 29, 2006, December 18, 2006, December 12, 2008, August 7, 2009 and October 9, 2009, except where "unrevised" is indicated.

"PERMIT PLANS..NJ ROUTE 52 (1) CAUSEWAY REPLACEMENT & SOMERS POINT CIRCLE ELIMINATION PROJECT;" Sheets PP-1, PP-2, PP-14 and PP-15 last revised January 21, 2005; sheet PP-8 last revised December 18, 2006; sheets PP-3, PP-4, PP-9 and PP-10 last revised December 12, 2008; Sheet 11 last revised August 7, 2009; Sheets PP-5, PP-6, PP-7, PP-12 and PP-13 last revised October 9, 2009.

“CONSTRUCTION PLANS NJ ROUTE 52 (1) CAUSEWAY REPLACEMENT & SOMERS POINT CIRCLE ELIMINATION PROJECT,” Sheets C-1 through C-23 last revised July 20, 2009, with the exception of C-6 and C-9 last revised August 25, 2009 (Sheets C-24 through C-29 deleted December 12, 2008).

“GENERAL PLAN AND ELEVATION ...,” Sheets SP-01, RIN-01, RIS-01 and G-01, last revised January 21, 2005 (Sheets WB-01 through WB-05 and GBE-04A deleted).

“MALIBU BEACH ...,” Sheets MB-1 through MB-7 of MB-14, last revised January 21, 2005.

“DREDGING PLANS ...,” Sheets DD-1 through DD-26 last revised December 12, 2008.

“... CROSS SECTIONS ...,” Sheets DD-X1 through DD-X18 deleted December 12, 2008.

“CROSS SECTIONS ...,” Sheet X-66 of X-93 last revised December 12, 2008.

“CONSTRUCTION DETAILS ...,” Sheets DTL-2 and DTL-3 of DTL-7 last revised March 15, 2006, Sheets DTL-4 and DTL-5 of DTL-7 last revised December 12, 2008, and CD-602-1 (unrevised).

“SHORELINE STABILIZATION PLANS...,” Sheets SS-1 through SS-9 of SS-9 (unrevised).

“LANDSCAPE AND MITIGATION CONCEPT PLANS ...,” Sheets L-1 through L-21 of L-21, last revised January 21, 2005, except L-11 through L-14, last revised February 22, 2006.

This permit authorizes reconstruction of the Route 52 causeway, including the construction of piers (bridge supports), bulkheads, scour protection, dredging (including release of return water) and realignment of the State navigation channel in Ship Channel and the New Jersey Intracoastal Waterway (NJ-ICWW) through Beach Thorofare, discharge of dredged material onto the Malibu Beach shore, temporary trestles, temporary coffer dams and temporary fill for loading areas and construction access, recreational public fishing piers, bulkheaded areas for recreational public fishing access, and shoreline stabilization activities throughout the Rainbow Islands. The project site is located along the existing Route 52 causeway, between Route 9 in the city of Somers Point, Atlantic County, and West Avenue in Ocean City, Cape May County, New Jersey. The existing (and proposed) roadway crosses Ship Channel, Elbow Thorofare, Rainbow Channel and Beach Thorofare (within Great Egg Harbor Bay). The applicant's stated purpose is to replace deficient structures, as well as to improve roadway safety and traffic operations in the project area.

2. This permit authorizes, at a maximum, the following disturbances or alterations of waters of the U.S., including wetlands:

<u>Type of Impact / Activity</u>	<u>Area (acres)</u>
Permanent Open Water Fill (including shallow)	
Bridge/Causeway Construction	1.221
Public Access/Recreation Features	0.468
Stormwater Outfall Construction	0.125
Bulkhead/Retaining Wall	0.003
Scour Countermeasures	<u>0.033</u>
Total	1.851
Permanent Wetland Fill	
Bridge/Causeway Construction	0.201
Bulkhead/Retaining Wall Construction	0.006
Public Access/Recreation Features	0.840
Roadway Embankment	<u>0.509</u>
Total	1.556
Permanent Open Water Shading (including shallow)	
Bridge/Causeway Construction	1.505
Public Access/Recreation	<u>0.134</u>
Total	1.639
Permanent Wetland Shading	
Bridge/Causeway Construction (low)	0.845
Bridge/Causeway Construction (high)	<u>0.056</u>
Total	0.901
Temporary Open Water Fill (including shallow)	
Construction Access	<u>0.162</u>
Total	0.162
Temporary Wetland Fill	
Construction Access	1.838
Bulkhead/Retaining Wall	<u>0.000</u>
Total	1.838
Temporary Open Water Disturbance (including shallow)	
Construction Access (Trestles)	3.796
Construction Access (Coffer dams)	0.920
Scour Countermeasures	<u>0.298</u>
Total	5.014
Temporary Wetland Disturbance	
Construction Access (Trestles)	0.464
Construction Access (Coffer dams)	0.010
Scour Countermeasures	0.097
Underground Utilities Installation	<u>0.000</u>
Total	0.571

Dredging (not included above)

Ship Channel: 14,300 c.y. / 2.4 ac. / -11.2' MLW (including over-dredge)  
Beach Thorofare: 36,500 c.y. / 3.34 ac. / -14.2' MLW (including over-dredge)

Temporary Dredging (to be restored, not included above)

Barge Access 1,400 c.y. / 0.18 ac. / -12.2' MLW (including over-dredge)

Shoreline Stabilization (not included above)

6,000 linear feet of disturbance / 0.87 acre of open water

Boat Ramp in Ship Channel (included above)

42' wide (3,941 sq. ft.), extending 86' waterward of MHWL (along center line)

Boat Ramp in Elbow Thorofare (included above)

20' wide (980 sq. ft.), extending 42' waterward of MHWL (along center line)

Fishing Piers (included above)

1. Ship Channel: 15X190', with 30X30' section, then 15X96' to a 25X50' "T" section; extending a total of 340' waterward of MHWL (along center line)
2. Elbow Thorofare: 10X120' to a 15X40' "T" section; extending 30' waterward of existing MHWL (132' beyond proposed MHWL)
3. Rainbow Channel: 15X40' to a 35X45' "bump-out" section, then 15X165' to a 25X40' "bump-out" section, then 15X170' to a 25X85' "T" section; extending 485' waterward of MHWL
4. Rainbow Channel: 23X40', then 15X80', to a 25X50' "T" section; extending 144' waterward of MHWL

Temporary Pier for Barge Access in Ship Channel (included above)

30' wide, extending 140' waterward of MHWL (along center line)

Malibu Beach Nourishment (with dredged material)

9.9 acres of impact below the high tide line

All other conditions to which the permit was made subject remain in full force and effect.

BY AUTHORITY OF THE SECRETARY OF THE ARMY:



Frank J. Cianfrani  
Chief, Regulatory Branch

for: Thomas J. Tickner  
Lieutenant Colonel, Corps of Engineers  
District Commander